
*SATO MBi series Mobile Printers
Printer Software Tool Kit
User's Manual*

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Table of Contents

1	Overview	6
	The MBi Printer Software Tool Kit	6
	Requirements	6
	Installing the Took Kit.....	6
	Menu & Toolbar	7
2	How to start.....	8
	Printer Settings.....	9
	Basic	9
	Advanced	10
	Interface Settings	11
	Wireless	11
	Bluetooth	12
	IrDA	13
	Serial.....	14
A	Contact Information	15
	SATO Offices	15

1

Overview

The SATO MBi Series Tool Kit

The SATO MBi Series Tool Kit is a simple software utility allows you to set the printer settings from host PC to MBi series printers.

Requirements

- SATO MB200i, MB201i, MB400i, MB410i series printer.
- SATO printer drivers is required to be installed on the host PC.
- SATO printer has to be attached to the host computer via the printer driver connection settings.
- A host computer running under Microsoft Windows® 2000, XP operating system.
- For Windows®, a minimum hardware configuration of 450MHz Pentium® of 128 MB of RAM.

Installing the Tool Kit

The Tool kit is available on CD and website. Follow the on-screen instructions to install the software.

Menu & Toolbar

The MBI series printer software tool kit has toolbar for easy access.



Figure 1. Menu & Toolbar

File

Open: Opens a file dialog where you can select printer setting file.

Save As: Allows you to save the printer settings under a desired name and location.

Exit: Closes the program.

Settings

Printer Settings

Basic: Allows you to select the basic printer settings and click set to register the selection.

Advanced: Allows you to select the advanced printer settings and click set to register the selection.










Interface Settings

Wireless: Allows you to configure the printer's wireless LAN settings.

Bluetooth: Allows you to configure the printer's Bluetooth settings.

IrDA: Allows you to configure the printer's IrDA settings.

Serial: Allows you to configure the printer's Serial port settings.

	Open Configuration file
	Save Configuration file
	Printer Settings - Basic
	Printer Settings - Advanced
	Interface Settings - Wireless
	Interface Settings - Bluetooth
	Interface Settings - IrDA
	Interface Settings – Serial port
	Exit Program

2

How to Start

SATO MBI series printer software tool kit

- Prior to using SATO MBI printer software tool kit, you must install SATO MBI printer drivers into your PC.
- You will be able to select the installed MBI printer from a drop down list.
- Please set the interface method of the printer driver and the MBI printer to establish the connection between PC and printer driver.
- The printer settings will be sent to the printer via the printer driver.
- Please make sure that your printer and the printer driver has established connection by performing a test print from the printer driver.

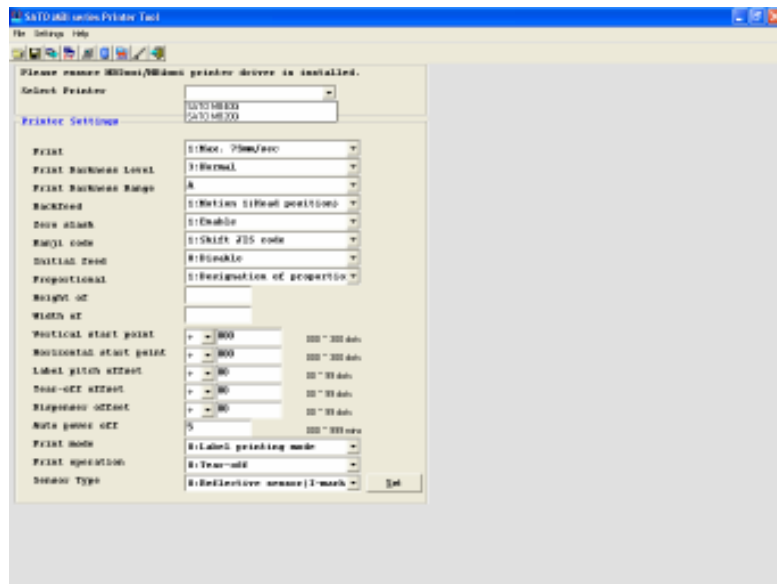



Figure 2. Select Printers with dropdown list of installed MBI printer drivers

NOTE: If you do not see any printer at the Select Printer dropdown list, you must install SATO MBI printer driver into your PC.

Printer Settings

BASIC

To start using MBI printer software tool kit for Basic Printer Settings:-

1. Select printer from the drop down.
2. To set printer settings, please select Printer Settings - Basic or click on  icon.
3. Select and set the desire printer settings.
4. Click on the <Set> button to set the printer.

Please ensure MB2xxi/MB4xxi printer driver is installed.

Select Printer SATO MB400i

Printer Settings


Print	1:Max. 75mm/sec	
Print Darkness Level	3:Normal	
Print Darkness Range	A	
Backfeed	1:Motion 1(Head position)	
Zero slash	1:Enable	
Kanji code	1:Shift JIS code	
Initial feed	0:Disable	
Proportional	1:Designation of proportio:	
Height of	2400	0001~2400 dots
Width of	832	0001~0832 dots
Vertical start point	+ 000	000 ~ 300 dots
Horizontal start point	+ 000	000 ~ 300 dots
Label pitch offset	+ 00	00 ~ 99 dots
Tear-off offset	+ 00	00 ~ 99 dots
Dispenser offset	+ 00	00 ~ 99 dots
Auto power off	5	000 ~ 999 mins
Print mode	0:Label printing mode	
Print operation	0:Tear-off	
Sensor Type	0:Reflective sensor(I-mark)	

Set

Figure 3. Basic Printer Settings

ADVANCED

For advanced Printer Settings:-

1. Select printer from the drop down if it has not been selected.
2. To set printer settings, please select Printer Settings - Advanced or click on  icon.
5. Select and set the desire printer settings.
6. Click on the <Set> button to set the individual settings beside the button.

Please ensure MB2xxi/MB4xxi printer driver is installed.

Select Printer SATO MB400i ▼

Advanced Setting


Command Selection	0:SBPL Command ▼	Set
Control Code	0:Standard ▼	Set
CRC Check	0:Disabled ▼	Set
User Download	<div style="display: flex; justify-content: space-between; padding: 0 10px;"> STX { ETX } ESC ^ ENQ @ CAN ! </div>	
Zero Slash	0:Yes ▼	Set

Figure 4. Advanced Printer Settings

Interface Settings

WIRELESS

To make changes to the printer interface settings:-

1. Select printer from the drop down if it has not been selected.
2. To set printer settings, please select Interface Settings - Wireless or click on  icon.
3. Select and set the desire wireless settings you wish to change.
4. Click on the <Set> button to set the individual settings beside the button. For settings without a <Set> button, please note that it is being included in the next <Set> button below.

Please ensure MB2xxi/MB4xxi printer driver is installed.

Select Printer


Wireless LAN Setting

IP Address	<input type="text" value="192"/>	<input type="text" value="168"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	Set
Subnet Mask	<input type="text" value="255"/>	<input type="text" value="255"/>	<input type="text" value="255"/>	<input type="text" value="0"/>	Set
Gateway	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	Set
SSID	<input type="text" value="SAT0"/>				Set
Channel Number	<input type="text" value="11"/>				Set
WLAN Operation Mode	<input type="text" value="1: AdHoc Mode"/>				Set
Security Mode	<input type="text" value="0: Not Set"/>				Set
WEP Key	<input type="text" value="A: ASCII"/>				Set
	<input type="text"/>				Set
WPA Authentication	<input type="text" value="0: WPA-PSK"/>				Set
WPA Encryption Method	<input type="text" value="0: TKIP"/>				Set
WPA Advance Shared Key	<input type="text"/>				Set
EAP Authentication	<input type="text" value="0: No Used"/>				Set
EAP User Name	<input type="text"/>				Set
EAP Password	<input type="text"/>				Set
Socket Port	<input type="text" value="9100"/>				Set
IP Setup Method	<input type="text" value="0: Manual setting"/>				Set
WEP Key Index	<input type="text" value="1"/>				Set
Socket Connection Timeout	<input type="text" value="600"/>				Set
Wireless LAN Authentication	<input type="text" value="1: Open system authenticat"/>				Set

Figure 5. Wireless Interface Settings

BLUETOOTH

To make changes to the printer interface settings:-

5. Select printer from the drop down if it has not been selected.
6. To set printer settings, please select Interface Settings - Bluetooth or click on  icon.
7. Select and set the desire bluetooth settings you wish to change.
8. Click on the <Set> button to set the individual settings beside the button. For settings without a <Set> button, please note that it is being included in the next <Set> button below.

Please ensure MB2xxi/MB4xxi printer driver is installed.

Select Printer SATO MB400i


Bluetooth Setting

Pin Code Setting	<input type="text" value="0000000000000000"/>	Set
Authentication	0: No Authentication	
ISI	<input type="text" value="0800"/>	
ISW	<input type="text" value="0812"/>	
PSI	<input type="text" value="0800"/>	
PSW	<input type="text" value="0812"/>	Set
Device Name	<input type="text" value="SATO MOBILE PRINTER"/>	Set

Figure 6. Bluetooth Interface Settings

IrDA

To make changes to the printer interface settings:-

9. Select printer from the drop down if it has not been selected.
10. To set printer settings, please select Interface Settings - IrDA or click on  icon.
11. Select and set the desire IrDA settings you wish to change.
12. Click on the <Set> button to set the individual settings beside the button. For settings without a <Set>button, please note that it is being included in the next <Set> button below.

Please ensure MB2xxi/MB4xxi printer driver is installed.

Select Printer


IrDA Setting

Baud Rate	<input type="text" value="2: 19200bps"/>	<input type="button" value="Set"/>
Parity	<input type="text" value="0: No Parity"/>	
Transmission Time out	<input type="text" value="05"/>	
Transmission Protocol	<input type="text" value="2: IrCOMM"/>	
Flow control	<input type="text" value="0: None"/>	
IrDA Device Name	<input type="text" value="SATO MOBILE PRINTER"/>	<input type="button" value="Set"/>

Figure 7. IrDA Interface Settings

Serial

To make changes to the printer interface settings:-

13. Select printer from the drop down if it has not been selected.
14. To set printer settings, please select Interface Settings - IrDA or click on  icon.
15. Select and set the desire IrDA settings you wish to change.
16. Click on the <Set> button to set the individual settings beside the button.
For settings without a <Set>button, please note that it is being included in the next <Set> button below.

Please ensure MB2xxi/MB4xxi printer driver is installed.

Select Printer SATO MB400i

Serial Setting

Baud Rate	2: 19200bps
Parity	0: No Parity
Flow Control	0: Nil

Set

Figure 7. Serial Interface Settings

A

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